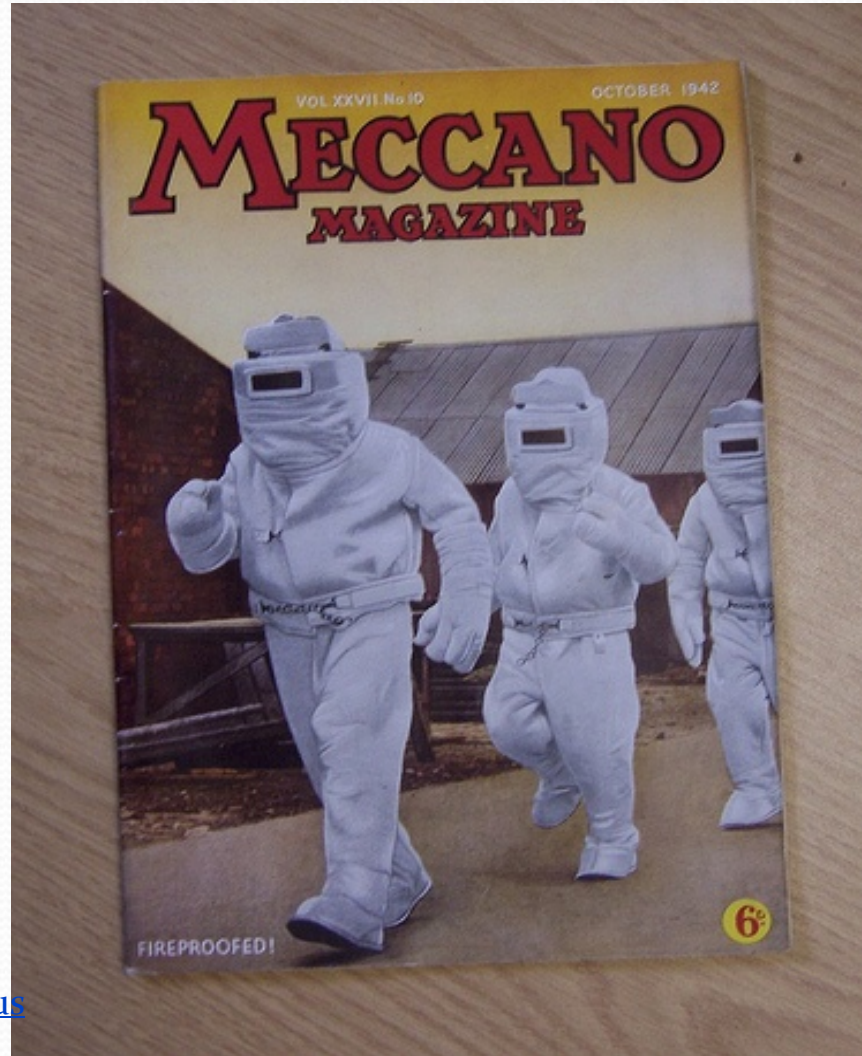



Asbestos Regulations in Florida



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What's asbestos anyway?

- Mineral Fiber
 - Tiny
 - Stays in the air a long time
 - Can be breathed into lungs
- 
- Can stay there, causing scarring and cancer
asbestosis, mesothelioma, lung cancer, pleural disease

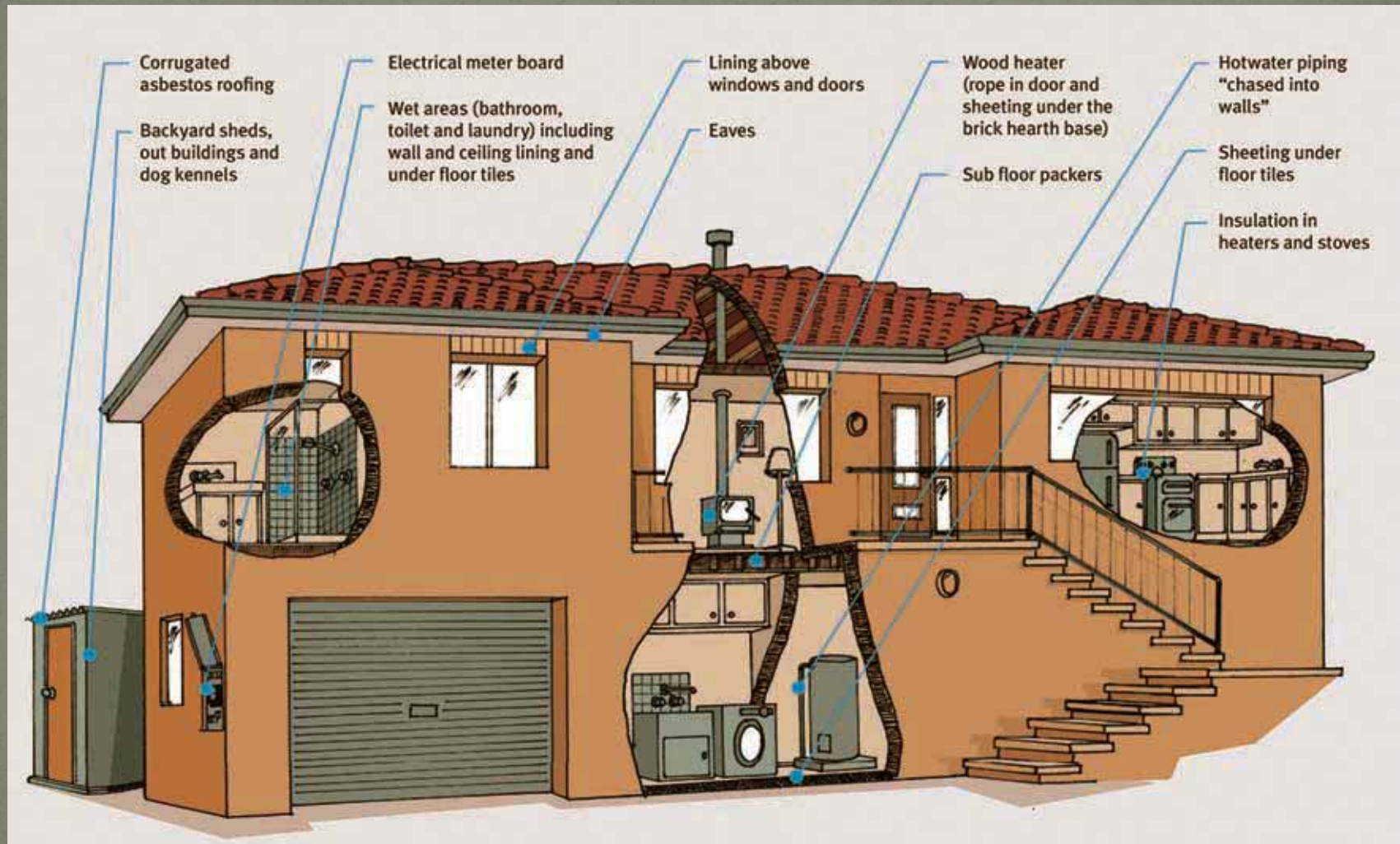
What's asbestos anyway?

- Great thermal and sound deadening properties
- One of the first hazardous air pollutants regulated
- Used in construction industry for many years
- THERE'S NO BAN in UNITED STATES!

I thought there was a ban?

- There was in 1989, but it was challenged in court
- In Oct 1991 the ban was upheld ONLY for...
 - Flooring felt and 'new uses' after Aug 1990
 - Commercial paper, corrugated paper, rollboard, specialty paper after Aug 1996
 - Certain Spray applied decorative uses
 - Nothing else is banned...

Where can I find asbestos?



Where can I find it?

In an estimated 3600 materials

Cement Pipes	Vinyl Wall Coverings	Breeching
HVAC Duct Insulation	Spackling Compounds	Insulation
Asphalt Floor Tile	Cement Wallboard	Vinyl Sheet Flooring
Ductwork Flexible Fabric	Boiler Insulation	Connections
Cooling Towers	Vinyl Floor Tile	Construction
Heating and Electrical Ducts	Flooring Backing	Mastics (floor tile,
Decorative Plaster	Acoustical Plaster	Pipe Insulation
Textured Paints/Coatings	Electrical Panel Partitions	[corrugated carpet,
Chalkboards	Ceiling Tiles and Lay-in	ceiling tile, etc.] air
Taping Compounds (thermal)	Panels	cell, block, etc.)
Base Flashing	Spray-Applied Insulation	Electrical Cloth
High Temperature Gaskets	Roofing Shingles	Electrical Wiring
Laboratory Hoods/Table Tops	Roofing Felt	Insulation
Wallboard	Fire Doors	Blow-in Insulation
Fire Curtains	Caulking/Putties	Fireproofing
Elevator Brake Shoes	Laboratory Gloves	materials
Cement Siding	Joint Compounds	Adhesives
	Elevator Equipment Panels	Fire Blankets

Can you tell just by looking?

- NO!!!
- The only way you can tell for sure if a material contains asbestos is by collection of samples and microscopic inspection
- It's called a 'thorough inspection'

Rules

- 40 CFR61 Subpart M
 - EPA
 - The asbestos NESHAP -The National Emission Standard for Hazardous Air Pollutants for asbestos
- 62-204.800 Florida Admin Code (FAC)
 - adopts the NESHAP in whole
- 62-257 FAC
 - establishes fees
- 396.60 Florida Statutes (FS)
 - authority for the rule
- 469 FS
 - Department of Business and Professional Regulation

40 CFR 61 requires...

- Thorough inspection first!
- Summary of suspect material and sample analysis
- Notification to DEP for
 - Renovations with regulated material greater than the threshold
 - All demolitions, regardless of the presence of ACM
- Appropriate handling during removal
- Proper disposal
- Waste shipment records

62-257 FAC requires

- Payment of a fee based on amount of material
 - Fee is in the rule
- Filling out a standard notification form
 - 62-257.900
- Form can be found at
<http://www.dep.state.fl.us/Air/emission/asbestos.htm>



Florida Department of
Environmental Protection
Division of Air Resource Management

DEP Form 62-257.900(1)
Effective 10-12-98
Page 1 of 2

NOTICE OF DEMOLITION OR ASBESTOS RENOVATION

TYPE OF NOTICE (CHECK ONE ONLY): ☐ ORIGINAL ☐ REVISED ☐ CANCELLATION ☐ COURTESY
TYPE OF PROJECT (CHECK ONE ONLY): ☐ DEMOLITION ☐ RENOVATION
IF DEMOLITION, IS IT AN ORDERED DEMOLITION? ☐ YES ☐ NO
IF RENOVATION:
IS IT AN EMERGENCY RENOVATION OPERATION? ☐ YES ☐ NO
IS IT A PLANNED RENOVATION OPERATION? ☐ YES ☐ NO

I. Facility Name _____

Address _____

City _____ State _____ Zip _____ County _____

Site _____ Consultant Inspecting Site _____

Building Size _____ (Square Feet) # of Floors _____ Building Age in Years _____

Prior Use: ☐ School/College/University ☐ Residence ☐ Small Business ☐ Other _____

Present Use: ☐ School/College/University ☐ Residence ☐ Small Business ☐ Other _____

II. Facility Owner _____ Phone (____) _____

Address _____

City _____ State _____ Zip _____

III. Contractor's Name _____ Phone (____) _____

Address _____

City _____ State _____ Zip _____

Is the contractor exempt from licensure under section 469.002(4), F.S.? ☐ YES ☐ NO

IV. Scheduled Dates: (Notice must be postmarked 10 working days before the project start date)

Asbestos Removal (mm/dd/yy) Start: _____ Finish: _____ Demo/Renovation (mm/dd/yy) Start: _____ Finish: _____

V. Description of planned demolition or renovation work to be performed and methods to be employed, including demolition or renovation techniques to be used and description of affected facility components. _____

Procedures to be Used (Check All That Apply):

<input type="checkbox"/> Strip and Removal	<input type="checkbox"/> Glove Bag	<input type="checkbox"/> Bulldozer	<input type="checkbox"/> Wrecking Ball
<input type="checkbox"/> Wet Method	<input type="checkbox"/> Dry Method	<input type="checkbox"/> Explode	<input type="checkbox"/> Burn Down
OTHER: _____			

VI. Procedures for Unexpected RACM: _____

VII. Asbestos Waste Transporter: Name _____ Phone (____) _____

Address _____

City _____ State _____ Zip _____

VIII. Waste Disposal Site: Name _____ Class _____

Address _____

City _____ State _____ Zip _____

IX. RACM or ACM: Procedure, including analytical methods, employed to detect the presence of RACM and Category I and II nonfriable ACM. _____

Amount of RACM or ACM*

_____ square feet surfacing material
_____ linear feet pipe
_____ cubic feet of RACM off facility components
_____ square feet cementitious material
_____ square feet resilient flooring
_____ square feet asphalt roofing

X. Fee Invoice Will Be Sent to Address in Block Below: (Print or Type)

*Identify and describe surfacing material and other materials as applicable: _____

I certify that the above information is correct and that an individual trained in the provisions of this regulation (40 CFR Part 61, Subpart M) will be on-site during the demolition or renovation and evidence that the required training has been accomplished by this person will be available for inspection during normal business hours.

(Print Name of Owner/Operator) _____ (Date) _____

(Signature of Owner/Operator) _____ (Date) _____

DEP USE ONLY Postmark/Date Received ID#

Chapter 469 F.S. Requires...

- Licensure of consultants performing asbestos surveys, management plans, abatement designs, etc.
- Licensure of contractors performing abatement work
 - Can't use inmates to do the work
- Certification of training providers

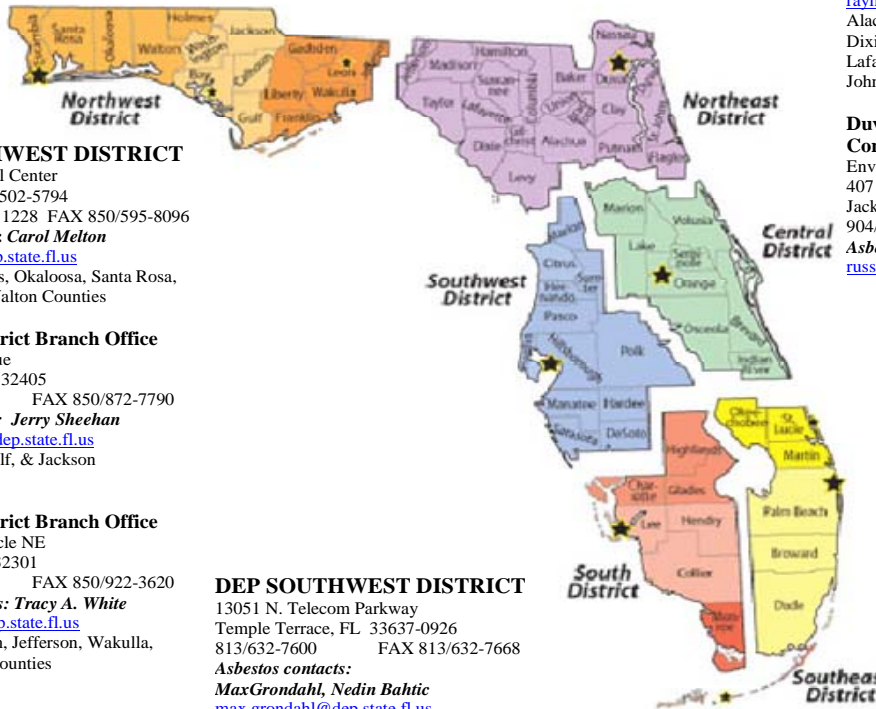
So what do we need to do?

- Plan renovation or demolition
- Get a thorough inspection, or if you've got one already, use it!
- File notification at least 10 working days ahead of the start of the project
- Submit inspection report w/notification wherever possible
- Submit to correct office

<http://www.dep.state.fl.us/air/emission/asbestos/asbestosmap.pdf>

FLORIDA Asbestos NESHAPS Contacts

Revised September 2, 2009



DEP NORTHWEST DISTRICT

160 Governmental Center
Pensacola, FL 32502-5794
850/595-8364 ext 1228 FAX 850/595-8096
Asbestos Contact: Carol Melton
carol.melton@dep.state.fl.us
Escambia, Holmes, Okaloosa, Santa Rosa,
Washington, & Walton Counties

Northwest District Branch Office

2353 Jenks Avenue
Panama City, FL 32405
850/872-4375 FAX 850/872-7790
Asbestos Contact: Jerry Sheehan
gerald.sheehan@dep.state.fl.us
Bay, Calhoun, Gulf, & Jackson
Counties

Northwest District Branch Office

630-3 Capital Circle NE
Tallahassee, FL 32301
850/488-3704 FAX 850/922-3620
Asbestos Contacts: Tracy A. White
tracy.a.white@dep.state.fl.us
Franklin, Gadsden, Jefferson, Wakulla,
Liberty & Leon Counties

DEP SOUTHWEST DISTRICT

13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926
813/632-7600 FAX 813/632-7668
Asbestos contacts:
Max Grondahl, Nedin Bahtic
max.grondahl@dep.state.fl.us
nedin.bahtic@dep.state.fl.us
Citrus, Desoto, Hardee, Hernando, Manatee,
Marion, Pasco, Polk & Sumter Counties

Hillsborough County

Environmental Protection Commission
3629 Queen Palm Drive
Tampa FL 33619
813/627-2600
FAX 813/627-2660
Asbestos contact: Robert Delgado ext1260
delgado@epchc.org
Marvin Blount ext 1277
blount@epchc.org
Melverin Cummings ext 1261
cummings@epchc.org

Sarasota County

Air Program
1301 Cattleman Rd, Bldg A
Sarasota, FL 34232-6299
941/861-6230 FAX 941/861-6267
Asbestos Contact: Debbie Telemeco-Anders
dtelemec@scgov.net

Pinellas County

Department of Environmental Management
300 South Garden Avenue
Clearwater FL 33756
727/464-4422 FAX 727/453-3548
Asbestos Contacts: Mickey Crane
mcrane@pinellascounty.org
Julie Foster
jfoster@pinellascounty.org
Matt McCann
mmccann@pinellascounty.org

DEP NORTHEAST DISTRICT

7825 Baymeadows Way, Suite B-200
Jacksonville, FL 32256-7590
904-807-3256 FAX 904/448/4363
Asbestos Contact: Marc Lovallo, Ray Barata
marc.lovallo@dep.state.fl.us
raymond.barata@dep.state.fl.us
Alachua, Baker, Bradford, Clay, Columbia,
Dixie, Flagler, Gilchrist, Hamilton, Jefferson,
Lafayette, Levy, Madison, Nassau, Putnam, St.
Johns, Suwannee, Taylor & Union Counties

Duval County Environmental and Compliance Department,

Environmental Quality Division
407 North Laura Street, 3rd Floor
Jacksonville FL 32202-3718
904/630-4900 FAX 904/630-3638
Asbestos Contact: Kathryn Russell [x7184]
russell@coj.net

DEP SOUTH DISTRICT

2295 Victoria Avenue, Suite 364
P.O. Box 2549
Fort Myers, FL 33902-2549
239/332-6975 FAX 239/332-6969
Asbestos Contacts: Robert Stewart, Sherrill Culliver
robert.stewart@dep.state.fl.us
sherrill.culliver@dep.state.fl.us
Charlotte, Collier, Glades, Hendry,
Highlands & Lee Counties

South District Branch Offices Monroe County (the Keys)

2796 Overseas Highway, Suite 221
Marathon FL 33050
305/289-2310 FAX 305/289-2314
Asbestos Contact: Barbara Nevins
barbara.nevins@dep.state.fl.us

Sebring Satellite Office

2812 Kenilworth Blvd.
Sebring, Florida 33870
Phone (863)314-5975
Fax (863)314-5979
Asbestos Contact: Raquel Arias
raquel.arias@dep.state.fl.us

DEP CENTRAL DISTRICT

3319 Maguire Boulevard, Suite 232
Orlando, FL 32803-3767
407/893-3333 FAX 407/897-5963
Asbestos Contact: Michael Young & Wanda Parker-Garvin
michael.young@dep.state.fl.us
wanda.parker@dep.state.fl.us
Brevard, Indian River, Lake, Marion,
Osceola, Seminole & Volusia Counties

Orange County

Environmental Protection Division
800 Mercy Drive, Suite 4
Orlando, FL 32808
407/836-1400 FAX 407/836-1499
Asbestos Contact: Mike Girtton
james.girtton@ocfl.net

DEP SOUTHEAST DISTRICT

400 North Congress Avenue
P.O. Box 15425
West Palm Beach, FL 33416
561/681-6621 FAX 561/681-6790
Asbestos Contacts: Shabbir (Sam) Qureshi
shabbir.qureshi@dep.state.fl.us
Patricia Tampus
patricia.tampus@dep.state.fl.us
Martin, Okechobee, & St. Lucie Counties

Palm Beach County

Health Department
800 Clematis Street
P.O. Box 29
West Palm Beach FL 33401-0029
561/837-5963 FAX 561/837-5295
Asbestos Contact: Alex Ortega
alejandro.ortega@doh.state.fl.us

Broward County Environmental Protection Department (EPD)

Air Quality Division
One North University Dr, Ste 203
Plantation, FL 33324-2038
954-519-1420 Fax 954-519-1495
Asbestos Contact: Walt Richards
wrichards@broward.org

Miami-Dade County Dept of Environmental Resource Management

Air Quality Management Division
701 N.W. 1st Court, Suite 400
Miami, FL 33136
305/372-6925 FAX 305/372-6954
Asbestos Contacts: Mallika Muthia
muthim@miamidade.gov
Jorge Frases
frasej@miamidade.gov

Any Questions?

As we know, there are known knowns. There are things we know we know. We also know there are known unknowns. That is to say we know there are some things we do not know. But there are also unknown unknowns, the ones we don't know we don't know.

- Donald Rumsfeld

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